SD EForm - 1633 V1

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): No. 1 Platformer Catalyst Regenerator

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

continuous catalyst regenerator

5. Maximum designed operating rate (name plate):

79,500 barrels per day (nominal Platformer charge)

or _____ horsepower

or _____ kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content _____ Weight percent

☐ Residual oil Sulfur content _____ Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content _____ Weight percent Coal ash content _____ Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test: _____

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

caustic scrubber

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity:		feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

No. 1 Platformer catalyst regenerator exhausts to atmosphere through caustic scrubber. See attached E1641V1 form for scrubber stack parameters.

SD EForm - 1633 V1

South Dakota Department of Environment & Natural Resources
Protecting SD's Tomorrow...Today

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): No. 2 Platformer Catalyst Regenerator

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

continuous catalyst regenerator

5. Maximum designed operating rate (name plate):

79,500 barrels per day (nominal Platformer charge)

or _____ horsepower

or _____ kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content _____ Weight percent

☐ Residual oil Sulfur content _____ Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content _____ Weight percent Coal ash content _____ Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test: _____

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

caustic scrubber

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

No. 2 Platformer catalyst regenerator exhausts to atmosphere through caustic scrubber. See attached E1641V1 form for scrubber stack parameters.

SD EForm - 1633 V1

South Dakota Department of Environment & Natural Resources
Protecting SD's Tomorrow...Today

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Oleflex Catalyst Regenerator

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

continuous catalyst regenerator

5. Maximum designed operating rate (name plate):

18,000 barrels per day (nominal Oleflex charge)

or _____ horsepower

or _____ kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content _____ Weight percent

☐ Residual oil Sulfur content _____ Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content _____ Weight percent Coal ash content _____ Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test: _____

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

caustic scrubber

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

Oleflex catalyst regenerator exhausts to atmosphere through caustic scrubber.
See attached E1641V1 form for scrubber stack parameters.

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,380.00	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,423.31	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,461.13	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,506.94	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,543.81	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Sulfur Recovery Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	100.62	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	686,582.00	meters
Y- Coordinate or Northing:		feet	or	4,741,963.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	100.00	feet	or		meters
Exit Stack Diameter	6.00	feet	or		meters
Exit Stack Temperature	525.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	23.40	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1640 V1

Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

	Equipment and Processes
1.	Wastewater Treatment Plant
2.	
3.	
4.	

Manufacturer Information:

Manufacturer?	to be determined		
Manufacturer date?	to be determined	Installation date?	to be determined
Manufacturer's designed control efficiency?	to be determined	%	
Maximum heat input?	0.8	million Btus per hour	
Lowest operating temperature?	to be determined	Degrees Fahrenheit	
Residence time?	to be determined	Seconds	
Type of fuel?	refinery fuel gas	Primary	
	natural gas	Secondary	

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet	or	687,062.56	meters
Y- Coordinate or Northing:		feet	or	4,742,137.00	meters
Base Elevation of Stack:	1,220.00	feet	or		meters
Stack Height:	50.00	feet	or		meters
Exit Stack Diameter	0.30	feet	or		meters
Exit Stack Temperature	500.00	degrees Fahrenheit			

Exit Stack Velocity and/or Flow Rate:

Velocity:	53.70	feet per second		meters per second
		and/or		
Flow Rate:		actual cubic feet per minute		actual cubic meters per second

SD EForm - 1633 V1

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Petroleum Coke Storage Building

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

n/a

5. Maximum designed operating rate (name plate):

1,000 tons per hour

or horsepower

or kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content Weight percent

☐ Residual oil Sulfur content Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content Weight percent Coal ash content Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test:

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

four fabric filters

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

Petroleum Coke Storage Building exhausts to atmosphere through four fabric filters. See attached E1636V1 forms for fabric filter stack parameters.

SD EForm - 1633 V1

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Coal/Coke Unloading Building

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

n/a

5. Maximum designed operating rate (name plate):

1,000 tons per hour

or horsepower

or kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content Weight percent

☐ Residual oil Sulfur content Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content Weight percent Coal ash content Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test:

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

fabric filter

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

Coal/Coke Unloading Building exhausts to atmosphere through fabric filter.
See attached E1636V1 form for fabric filter stack parameters.

SD EForm - 1633 V1

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Flux Unloading Building

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

n/a

5. Maximum designed operating rate (name plate):

100 tons per hour

or horsepower

or kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content Weight percent

☐ Residual oil Sulfur content Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content Weight percent Coal ash content Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test:

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

fabric filter

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

Flux Unloading Building exhausts to atmosphere through fabric filter. See attached E1636V1 form for fabric filter stack parameters.

SD EForm - 1633 V1

Air Quality Permit Application Form

Miscellaneous Process

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Slag Loading Building

2. Manufacturer: to be determined Manufacture date: tbd

3. Model number: to be determined

4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

n/a

5. Maximum designed operating rate (name plate):

100 tons per hour

or _____ horsepower

or _____ kilowatts

6. Check the appropriate box(es) for primary and secondary fuels:

☐ Natural gas ☐ Propane

☐ Distillate oil Sulfur content _____ Weight percent

☐ Residual oil Sulfur content _____ Weight percent

☐ Bituminous Coal ☐ Subbituminous Coal ☐ Lignite Coal

Coal sulfur content _____ Weight percent Coal ash content _____ Weight percent

☐ Other (please specify) n/a

7. Has a stack test been conducted (check appropriate box)? ☐ Yes ☑ No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test: _____

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

fabric filter

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:		feet		meters
Y- Coordinate or Northing:		feet		meters
Base Elevation of Stack:		feet		meters
Stack Height:		feet		meters
Exit Stack Diameter		feet		meters
Exit Stack Temperature		degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity: _____ feet per second _____ meters per second

and/or

Flow Rate: _____ actual cubic feet per minute _____ actual cubic meters per second

Slag Loading Building exhausts to atmosphere through fabric filter. See attached E1636V1 form for fabric filter stack parameters.